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68700u Model reactions of the *Escherichia coli* asparaginase mechanism. Roehm, K. H.; Schneider, Fr. (Physiol.-Chem. Inst., Univ. Marburg, Marburg/Lahn, Ger.). *Chimia* 1972, 26(11), 576-8 (Ger). The hydrolysis of monoamides of 1,8-naphthalenedicarboxylic acid (I) was used as a nonenzymic model reaction for asparaginase. The kinetics of formation of the anhydrides of I from different monoamides and of the hydrolysis of the anhydride and its formation from the acid were studied. The rate of hydrolysis of the propyl amide of I was 2-fold greater than for the monoamide of phthalic acid, thus demonstrating the efficiency of approximation and orientation in a CO_2H -catalyzed intramol. amide hydrolysis. R. H. Brandenberger

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